

# Alaska

# Standards Based Assessments

## Spring 2012

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SERIAL#

**WRITING—SAMPLE QUESTIONS****Directions**

Read Sample Question A and fill in the circle that goes with the answer you choose. Be sure to fill in the circle completely and make your mark heavy and dark. If you want to change your answer, completely erase the mark you made before making a new mark. For Sample B, write your answer on the lines provided.

**Sample A**

Read the sentence.

i like to watch the cardinals fly back and forth

Choose the correct way to write the sentence.

- ☐ (A) I like to watch the cardinals fly back and forth.
- ☐ (B) i like to watch the cardinals fly back and forth.
- ☐ (C) I like to watch the cardinals fly back and forth
- ☐ (D) i like to watch the Cardinals fly back and forth

**Sample B**

Read the group of words.

provide shade

tall tree

green leaves

On the lines below, rearrange the information into **one** complete sentence. Add words as needed.

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## WRITING

For questions 1 through 5, fill in the circle for the answer you choose.

1. Read the following.

Oscar \_\_\_\_\_ Luke by the river.

Choose the words that make a complete sentence.

- ☐ (A) went to find
  - ☐ (B) walking with
  - ☐ (C) next to
  - ☐ (D) and his brother
- 

2. Read the sentence.

You wrote your book report early.

Choose the correct way to change the sentence into a question.

- ☐ (A) Did you write your book report early?
- ☐ (B) Your book report you wrote early?
- ☐ (C) Early your book report you wrote?
- ☐ (D) You wrote your early book report?



3. Read the sentences.

Julia went to her window.

She looked at the moon.

She looked at the stars.

Choose the **best** way to write the sentences as one sentence.

- (A) She looked at the moon, the stars, and Julia went to her window.
- (B) She looked at the stars, Julia went to the window, looked at the moon.
- (C) Julia went to her window, looked at the moon and she looked at the stars.
- (D) Julia went to her window and looked at the moon and the stars.

4. Read the paragraph. The sentences are out of order.

**1** The contest was to design the state quarter. **2** Many children entered a contest in Alaska. **3** The winner suggested a bear with a salmon. **4** Children sent in their ideas for the design.

Which sentence should come **first** in the paragraph?

- (A) Sentence 1
- (B) Sentence 2
- (C) Sentence 3
- (D) Sentence 4

## WRITING

5. Read the paragraph.

**1** I like to spend time reading. **2** I enjoy reading science fiction books. **3** I like stories about other planets. **4** A new store opened in our town. **5** My big brother helps me when I have big words to read.

Which sentence does **not** belong in the paragraph?

- ☐ A Sentence 1
- ☐ B Sentence 3
- ☐ C Sentence 4
- ☐ D Sentence 5



Read the story. It has mistakes that need to be corrected. Use the story to answer questions 6 through 10.

**1** During recess my friend and i made a snowman. **2** First, we rolled one big ball of snow? **3** Then we made one medium-sized snowball. **4** It on top of the first ball of snow. **5** Next, we rolled a small snowball and put it on top of the other two snowballs. **6** This was the head. **7** Finally, we finished the snowman by making a face on the head. **8** We decided to name it Sandy.

6. Which word in Sentence 1 should be capitalized?

- (A) recess
- (B) friend
- (C) i
- (D) snowman

7. Choose the correct way to write Sentence 2.

- (A) First, we rolled one big ball of snow.
- (B) First, we rolled one big ball of snow
- (C) First, we rolled one big ball of snow,
- (D) It is correct as is.

8. Which is the correct way to write Sentence 4?

- Ⓐ Placed it on top of the first ball of snow.
- Ⓑ Placing it on top of the first ball of snow.
- Ⓒ We placed it on top of the first ball of snow.
- Ⓓ It is correct as is.

9. Read the sentence.

We used rocks for eyes, a carrot for a nose, and an old rope to make a mouth.

Choose the **best** place to add the sentence.

- Ⓐ after Sentence 2
- Ⓑ after Sentence 4
- Ⓒ after Sentence 6
- Ⓓ after Sentence 7

10. Choose the correct way to write Sentence 8.

- Ⓐ We decided to name It sandy.
- Ⓑ We decided to Name it sandy.
- Ⓒ We decided to name it sandy.
- Ⓓ It is correct as is.



## WRITING

11. Read the sentences.

1. Have you washed the dishes today?
2. Mike was the manager of the Pizza House.

On the lines below, write Sentence 1 as a statement and Sentence 2 as a question. Be sure to check your work for mistakes in capitalization and punctuation.

1. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



For questions 12 through 14, fill in the circle for the answer you choose.

12. Read the following.

This camera \_\_\_\_\_.

Choose the words that make a complete sentence.

- (A) is small
- (B) around his neck
- (C) to take wonderful color pictures
- (D) still inside the camera bag

13. Read the paragraph.

**1** The cat watched two birds making a nest in the tree outside the window. **2** He put his paw on the screen and meowed. **3** Cats are very good jumpers. **4** The cat meowed the entire time the birds were working on their nest.

Which sentence does **not** belong in the paragraph?

- (A) Sentence 1
- (B) Sentence 2
- (C) Sentence 3
- (D) Sentence 4

14. Read the sentences.

Yesterday my brother Scott found a colorful stone.

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Then Scott put it on a shelf in his room.

Choose the **best** sentence to fill in the blank.

- Ⓐ He threw it into the river.
- Ⓑ He brought it home.
- Ⓒ He gave it to our cousin.
- Ⓓ He left it on the ground.

Read the passage. It has mistakes that need to be corrected.  
Use the passage to answer questions 15 through 18.

**1** It is a good thing that dentists do not have Alaskan walrus for patients. **2** Walrus have large upper teeth. **3** Can grow up to forty inches. **4** This size is close to the length of the average adult's leg. **5** These long upper teeth are called tusks.

**6** Walrus use their tusks in different ways? **7** They use the tusks to pull themselves across the ice and to defend themselves against polar bears. **8** The male walrus use their tusks to prove that they are the toughest and strongest of the herd. **9** The longer the tusks, the more important the walrus is to its herd.

15. Which **best** describes Sentence 3?

- (A) It is not a complete sentence.
- (B) It has a capitalization mistake.
- (C) It should end with a question mark (?).
- (D) It does not belong in the passage.

16. Which sentence should be placed after Sentence 5?

- (A) An elephant is another animal that has large tusks.
- (B) Walrus eat snails, squid, worms, crabs, and clams.
- (C) Both male and female walrus have large tusks.
- (D) Walrus can stay out at sea and away from land for days.

17. Which sentence does **not** use the correct end punctuation?

- Ⓐ Sentence 2
- Ⓑ Sentence 6
- Ⓒ Sentence 7
- Ⓓ Sentence 8

18. Choose the correct way to write Sentence 9.

- Ⓐ The longer the Tusks, the more important the walrus is to its herd.
- Ⓑ The longer the tusks, the More Important the walrus is to its herd.
- Ⓒ The Longer the tusks, the More important the walrus is to its herd.
- Ⓓ It is correct as is.

For questions 19 through 21, fill in the circle for the answer you choose.

19. Read the sentences.

My sister sings.

My sister plays the piano.

Choose the **best** way to write the sentences as one sentence.

- (A) My sister sings my sister plays the piano.
  - (B) My sister sings she plays the piano.
  - (C) My sister sings but plays the piano.
  - (D) My sister sings and plays the piano.
- 

20. Which of the following is a complete sentence?

- (A) When my cousin moved to Anchorage, Alaska, last year.
  - (B) He made many friends while living in Anchorage.
  - (C) Liked to come back to visit.
  - (D) Letters from Anchorage.
- 

21. Which is a complete sentence?

- (A) Hearing my neighbor play the drums every night.
- (B) My neighbor playing the drums every night.
- (C) I hear my neighbor play the drums every night.
- (D) Playing the drums every night my neighbor.

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23. Write a story about **one** time when you helped someone.

- help you plan your story.
- check your story when you are finished.

## Writing Skills Checklist

- ☐ Have you written on the topic?
- ☐ Have you used complete sentences?
- ☐ Have you checked your story for mistakes?

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



WRITING

Handwriting practice lines consisting of 20 horizontal lines.



Read the report. It has mistakes that need to be corrected. Use the report to answer questions 24 through 28.

**1** You spend about one-third of your life doing it. **2** You do it every day. **3** You cannot think, move, or live without it. **4** What is it. **5** The answer is sleep. **6** Everyone needs sleep to stay healthy. **7** Sleep lets the mind and the body rest. **8** a good night's sleep builds more energy for the next day. **9** Do not sleep enough. **10** It changes how well you think. **11** Sleep allows time for your body to get what it needs to grow properly. **12** It is really important for growing children to get eight hours of sleep? **13** When you go to bed tonight, know that you are helping your body and your mind.

24. Read the sentence.

Good health helps you grow strong.

Where would the sentence **best** fit in the report?

- (A) after Sentence 1
- (B) after Sentence 5
- (C) after Sentence 6
- (D) after Sentence 10

25. Which sentence in Paragraph 1 has the wrong end punctuation?

- (A) Sentence 3
- (B) Sentence 4
- (C) Sentence 5
- (D) Sentence 6

26. Which is the correct way to write Sentence 8?

- (A) a Good Night's sleep builds more energy for the next day.
- (B) A good night's sleep builds more Energy for the next day.
- (C) A good night's sleep builds more energy for the next day.
- (D) It is correct as is.

27. Which sentence in Paragraph 2 has the wrong end punctuation?

- (A) Sentence 7
- (B) Sentence 10
- (C) Sentence 11
- (D) Sentence 12

28. Which **best** describes Sentence 9?

- (A) It is not a complete sentence.
- (B) It should end in a question mark (?).
- (C) It does not belong in the report.
- (D) It should end with an exclamation point (!).

## WRITING

29. Read the following groups of words.

sleepy cat

yawns and stretches

bright sunshine

Use the groups of words to write **one** complete sentence. Add words as needed. Be sure to check your work for mistakes in capitalization and punctuation.

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For questions 30 through 35, fill in the circle for the answer you choose.

30. Which of the following asks a question?

- (A) Why is the sky blue
- (B) I want to go to the park
- (C) My best friend lives next door
- (D) I am so excited to go to the store

31. Read the paragraph.

**1** Our family went for a walk in the woods. **2** I saw a bird in the treetop. **3** My sister saw a rabbit in the field. **4** My brother saw a squirrel along the trail.

Which sentence would **best** fit after Sentence 4?

- (A) I enjoy doing things with my family.
- (B) The bird had white and brown feathers.
- (C) The rabbit ran fast through the tall grass.
- (D) I like the reptile house at the zoo.

32. Choose the complete sentence.

- (A) The best day of his life.
- (B) She forgot her backpack.
- (C) Went walking in the park.
- (D) Wanted to see a movie.

33. Read the paragraph.

**1** The sun was setting. **2** It left a beautiful glow across the sky.  
**3** A rainbow has many colors. **4** I watched as the sun disappeared.

Which sentence does **not** belong in the paragraph?

- (A) Sentence 1
  - (B) Sentence 2
  - (C) Sentence 3
  - (D) Sentence 4
- 

34. Read the following.

Oceans \_\_\_\_\_.

Choose the words that make a complete sentence.

- (A) and lakes
  - (B) are large bodies of water
  - (C) with big waves
  - (D) place for big ships
- 

35. Read the following.

Rivers and streams \_\_\_\_\_.

Choose the words that make a complete sentence.

- (A) fish are living
- (B) places where fish live
- (C) for fish to live
- (D) are places where fish live

Read the story. It has mistakes that need to be corrected. Use the story to answer questions 36 through 39.

**1** As Curt sat at the reading table, he thought about how he loved to read out loud. **2** He read to his mother at breakfast. **3** He read to his baby sister in the afternoon. **4** He always raised his hand to read out loud in class. **5** Curt \_\_\_\_\_ if he could.

**6** Just then Curt heard the Teacher calling him. **7** “Would you like to read a story to the first graders?” **8** Curt said he would be happy to read? **9** He also liked to roller skate. **10** Curt had a great idea. **11** When he finished reading, he would ask if he could do it every week.

36. Which is the correct way to write Sentence 6?

- (A) Just then Curt heard the Teacher calling Him.
- (B) Just then Curt heard the teacher calling him.
- (C) Just then Curt heard the teacher calling Him.
- (D) It is correct as is.

37. Read Sentence 5.

Curt \_\_\_\_\_ if he could.

Choose the group of words that completes the sentence.

- Ⓐ indoors out loud with books every day
- Ⓑ home and read out loud all day
- Ⓒ to other friends out loud each day
- Ⓓ would read out loud every day

38. Which sentence has a mistake in end punctuation?

- Ⓐ Sentence 2
- Ⓑ Sentence 4
- Ⓒ Sentence 8
- Ⓓ Sentence 10

39. Which sentence does **not** belong in the story?

- Ⓐ Sentence 1
- Ⓑ Sentence 3
- Ⓒ Sentence 9
- Ⓓ Sentence 10



## WRITING

40. Read the sentence.

Jamie is going to canada on a train called the Silver express.

On the lines below, rewrite the sentence and correct all mistakes.

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For questions 41 through 46, fill in the circle for the answer you choose.

41. Read the following.

Tomorrow Sarah \_\_\_\_\_.

Which group of words correctly completes the sentence?

- (A) for her project
- (B) the bus to school
- (C) really fast in the race
- (D) plans to wash her bike

42. Which group of words is **not** a complete sentence?

- (A) I like blue.
- (B) Do you like blue?
- (C) Blue is my favorite color.
- (D) Like blue?

43. Read the topic sentence.

Many birds fly south in the fall.

Which **best** supports the topic sentence?

- (A) Some birds fly thousands of miles to reach their winter homes.
- (B) Blackbirds feed on berries and fly in a “V.”
- (C) Some birds can fly higher than Mount McKinley.
- (D) When geese fly, there is a great deal of honking.

44. Which is **not** a complete sentence?

- (A) I like to collect poems.
- (B) Collects more than anyone else.
- (C) Mario has a collection of pennies.
- (D) David collects objects from outside.

45. Read the sentence.

The dog, which was brown and white, wagged his tail at me.

Choose the **best** way to write the sentence.

- (A) Wagged his tail at me, the dog was brown and white.
- (B) Brown and white, the dog wagged at me his tail.
- (C) The brown and white dog wagged his tail at me.
- (D) The dog, wagged his tail at me, brown and white.

46. You are writing a paragraph about going to a new school. Which sentence does **not** belong in your paragraph?

- (A) Going to a new school is exciting.
- (B) I will have to find my classrooms.
- (C) I will have all new teachers to meet.
- (D) My house is close to a field.

## WRITING

47. Read the sentences from a story.

**1** We started our hike when the sun was very hot.

**2** \_\_\_\_\_. **3** \_\_\_\_\_.

**4** We finally decided to turn back.

On the lines below, write **two** sentences that add details to the story. Be sure to check your work for mistakes in capitalization and punctuation.

**2.** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**3.** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



Read the story. It has mistakes that need to be corrected. Use the story to answer questions 48 through 52.

**1** David crossed over a bridge. **2** Above a creek one morning.  
**3** The melting ice dripped into the water below? **4** Each drop made a different sound, depending on how far it fell. **5** The dripping water gave David an idea. **6** After school, David told his science teacher, Mr. brown, about his idea for a project.  
**7** That night, David went into the kitchen and filled four glasses with different amounts of water. **8** Next, he soaked a sponge in a bowl of water. **9** Then David used the wet sponge to squeeze drops of water into each glass. **10** Would the science project work as he had planned.

48. Which is **not** a complete sentence?

- (A) Sentence 1
- (B) Sentence 2
- (C) Sentence 4
- (D) Sentence 5

49. Which **best** describes Sentence 3?

- (A) It has the wrong end punctuation.
- (B) It is not a complete sentence.
- (C) It has a capitalization mistake.
- (D) It does not belong in the story.

50. Read the sentence.

He set the glasses in a row on the kitchen table.

Where would the sentence **best** fit in the story?

- ☐ (A) after Sentence 4  
☐ (B) after Sentence 6  
☐ (C) after Sentence 7  
☐ (D) after Sentence 8

51. Read Sentence 6.

After school, David told his science teacher, Mr. brown,  
1 2 3  
about his idea for a project.  
4

Which part of the sentence has a mistake in capitalization?

- ☐ (A) Part 1  
☐ (B) Part 2  
☐ (C) Part 3  
☐ (D) Part 4

52. Which sentence has the wrong end punctuation?

- Ⓐ Sentence 7
- Ⓑ Sentence 8
- Ⓒ Sentence 9
- Ⓓ Sentence 10

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# MATHEMATICS—SAMPLE QUESTIONS

## Directions

Read Sample Question A and fill in the circle that goes with the answer you choose. Be sure to fill in the circle completely and make your mark heavy and dark. If you want to change your answer, completely erase the mark you made before making a new mark. Sample B has two parts. Write your answer in the box for the first part and on the lines provided for the second part. Be sure to answer both parts of Sample B.

### Sample A

The pattern below is missing a number.

2, 5, 8, 11, \_\_\_\_, 17

What number is missing in the pattern?

- ☐ (A) 12
- ☐ (B) 13
- ☐ (C) 14
- ☐ (D) 15



**Sample B**

Ann had \$1.00. She bought a bottle of juice for 50¢.

- A.** How much change should Ann have received? Show all of your work and write your answer in the box below.

**Answer:** \_\_\_\_\_¢

- B.** On the lines below, tell which coins Ann could have received for change.

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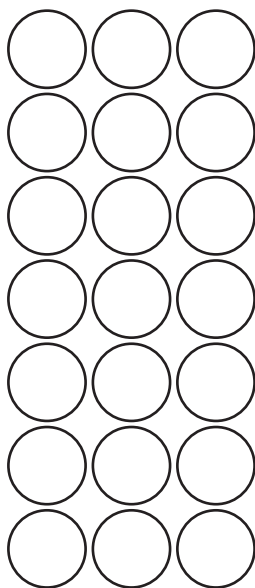
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1. Sue placed counting chips in rows on a table.



Which expression shows the total number of chips Sue placed on the table?

- (A)  $7 + 3$
- (B)  $3 + 3 + 3$
- (C)  $3 + 3 + 3 + 3 + 3 + 3 + 3$
- (D)  $7 + 7 + 7 + 7 + 7 + 7 + 7$

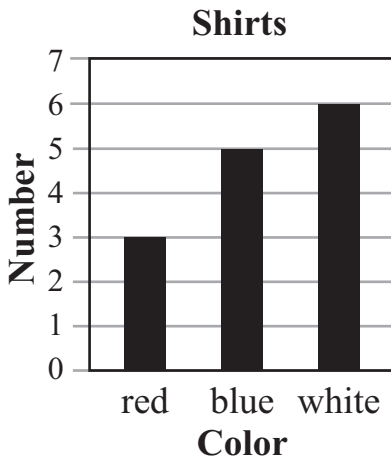
2. Barb's basketball team scored 54 points. Joe's team scored 38 points. How many **more** points did Barb's team score than Joe's team?

- (A) 16
  - (B) 24
  - (C) 26
  - (D) 92
- 

3. Which number sentence shows that 10 is less than 12?

- (A)  $10 < 12$
- (B)  $10 > 12$
- (C)  $10 = 12$
- (D)  $10 + 12$

4. The bar graph below shows the colors and numbers of shirts worn by the players at a basketball practice.



Which table shows the information from the bar graph?

Ⓐ

**Shirts**

Color	Number
red	2
blue	4
white	5

Ⓑ

**Shirts**

Color	Number
red	4
blue	6
white	7

Ⓒ

**Shirts**

Color	Number
red	3
blue	6
white	5

Ⓓ

**Shirts**

Color	Number
red	3
blue	5
white	6

5. Ted drew pictures of different animals. The list shows how many pictures of each animal he drew.

- 12 pictures of birds
- 9 pictures of frogs
- 21 pictures of horses

**About** how many pictures, in all, did Ted draw?

- (A) 20
- (B) 30
- (C) 40
- (D) 50

6. Barry has the coins shown below.

**Barry's Coins**



What is the value of Barry's coins?

- (A) 11¢
- (B) 35¢
- (C) 65¢
- (D) 75¢

7. Rachel put some buttons into a bag. All of the buttons were the same size. The number of each color of button is shown in the table below.

Buttons in Bag

Color	Number
blue	3
green	7
purple	9
red	2

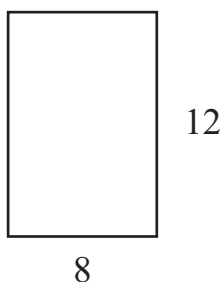
Rachel will reach into the bag and pull out a button without looking. What color button is Rachel **least** likely to pull out?

- (A) blue
- (B) green
- (C) purple
- (D) red

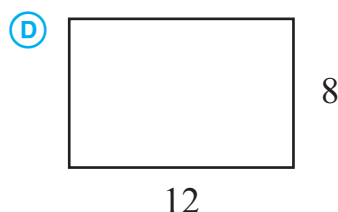
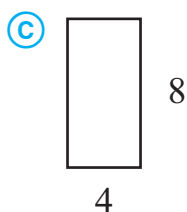
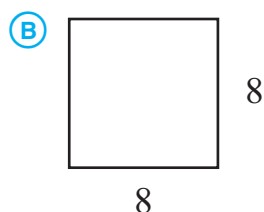
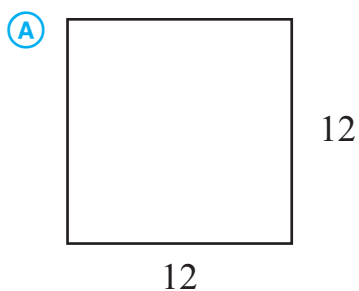
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8. Tina read 42 pages of her book on Monday. She read 28 pages of her book on Tuesday. How many **more** pages did Tina read on Monday than on Tuesday?

- (A) 14
- (B) 24
- (C) 26
- (D) 70

9. A picture frame is shown below.



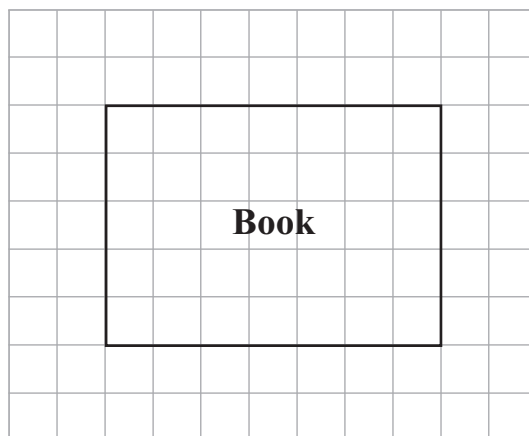
Which shape is congruent to the picture frame?



10. Mary had 33 pennies in her pocket. She spent 25 of the pennies. Then she found 2 pennies and put them into her pocket. Which shows the number of pennies in Mary's pocket?

- (A)  $33 + 25 + 2$   
 (B)  $33 + 25 - 2$   
 (C)  $33 - 25 - 2$   
 (D)  $33 - 25 + 2$

11. Darla's book is shown below.



— = 1 unit

What is the perimeter of the book?

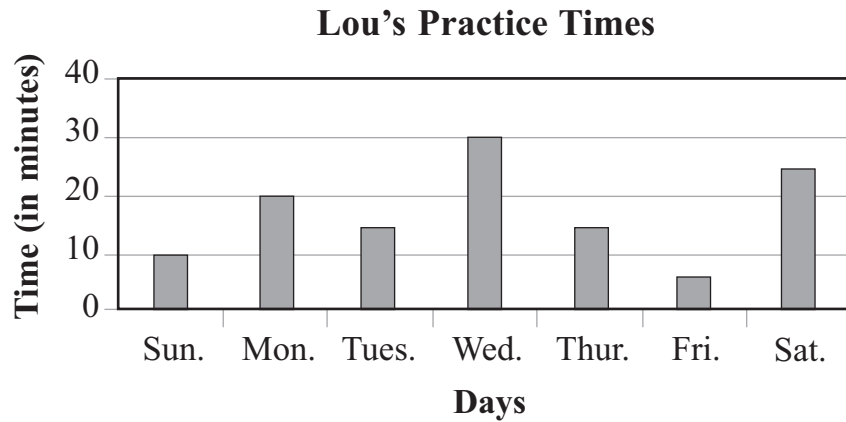
- (A) 12 units
- (B) 20 units
- (C) 24 units
- (D) 35 units

12. Billy measured the length of his hand. Which unit of measurement would be **best** to use to measure the length of his hand?

- (A) feet
- (B) inches
- (C) miles
- (D) yards



13. The graph below shows how much time Lou spent practicing the piano during a week.



On which two days did Lou spend the **most** time practicing the piano during the week?

- (A) Sunday and Friday
- (B) Monday and Saturday
- (C) Wednesday and Saturday
- (D) Wednesday and Thursday

14. The table below shows the lengths of time Gary and his friends have lived in the same town.

**Lengths of Time Living in Town**

Friend	Time
Gary	3 months
Crystal	4 days
Lacy	1 year
Aaron	5 weeks

Which length of time is the longest?

- (A) 3 months
- (B) 4 days
- (C) 1 year
- (D) 5 weeks

- 
15. Kyle picked 27 red flowers and 18 blue flowers. How many flowers did Kyle pick in all?

- (A) 9
- (B) 11
- (C) 35
- (D) 45

This problem is worth 2 points.

16. A calendar is shown below.

September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Carly's birthday is September 4. Martin's birthday is 2 weeks and 5 days after Carly's birthday.

What is the date of Martin's birthday? Show all of your work and write your answer in the box below.

**Answer: September** \_\_\_\_\_

17. Renee's class picked up trash around town. They picked up 107 pounds of trash on Monday and 219 pounds of trash on Tuesday. **About** how many pounds of trash, in all, did they pick up?

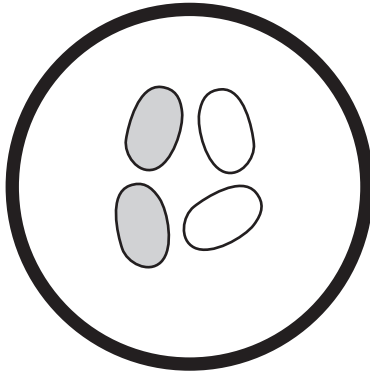
Ⓐ 100  
Ⓑ 300  
Ⓒ 400  
Ⓓ 500

- 
18. The number of people who visited a museum in one week was 3,984. Which digit in the number of people who visited the museum is in the hundreds place?

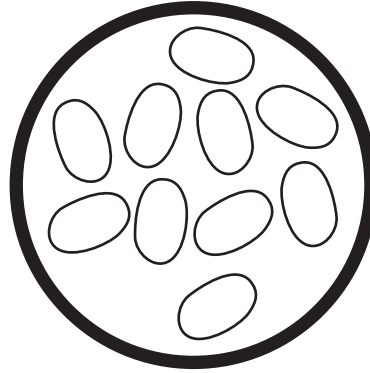
Ⓐ 3  
Ⓑ 4  
Ⓒ 8  
Ⓓ 9

19. Ellen and Travis drew pictures of grapes on paper plates. The pictures are shown below.

Ellen's Plate



Travis's Plate



Ellen shaded some of the grapes on her plate. Travis wants to shade the same fraction of grapes on his plate. How many of the grapes on Travis's plate should be shaded?

- (A) 2
- (B) 4
- (C) 5
- (D) 8

20. Ben weighed a sack of potatoes. Which unit of measurement would be **best** to use for weighing a sack of potatoes?

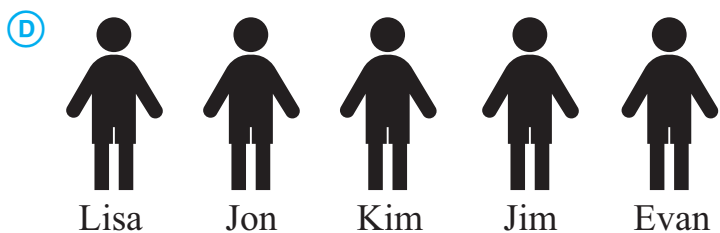
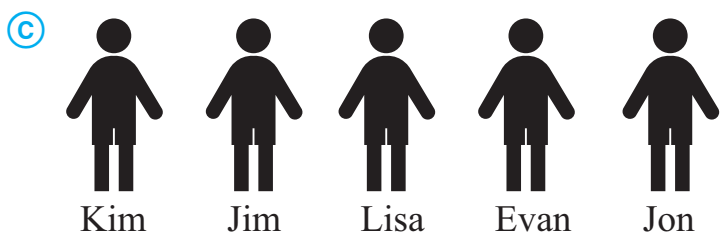
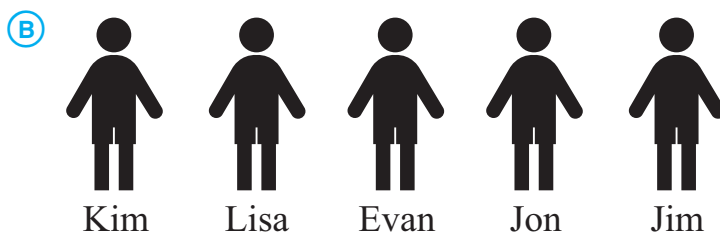
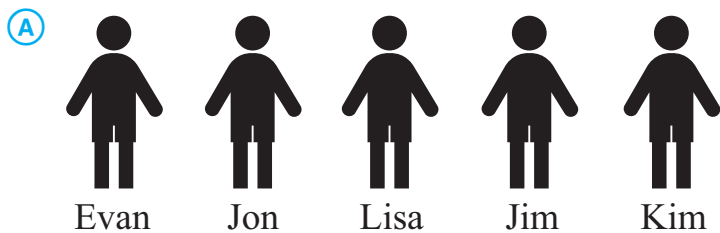
- Ⓐ feet
- Ⓑ inches
- Ⓒ ounces
- Ⓓ pounds

---

21. There are 15 colored pencils for 5 students to share. They each get the same number of colored pencils. How many colored pencils will each student get?

- Ⓐ 3
- Ⓑ 5
- Ⓒ 10
- Ⓓ 20

22. Evan is the fourth student standing in a row. Which picture shows Evan as the fourth student in the row?



23. Janice drew a shape that has no straight sides and no corners. Which could be the shape Janice drew?

- Ⓐ circle
- Ⓑ rectangle
- Ⓒ square
- Ⓓ triangle

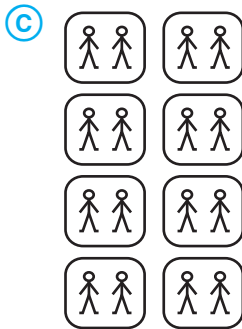
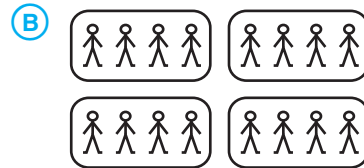
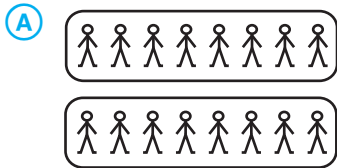
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24. Heather caught a 93-pound halibut. Carl caught a 72-pound halibut. **About** how many more pounds was Heather's halibut than Carl's halibut?

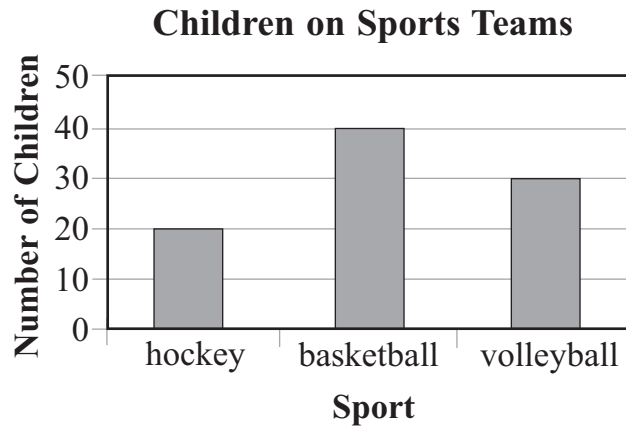
- Ⓐ 10 pounds
- Ⓑ 20 pounds
- Ⓒ 30 pounds
- Ⓓ 50 pounds



25. There are 16 students in a classroom. Exactly 2 students sit at each table. Which picture shows 16 students in the classroom with 2 students at each table?



26. The bar graph below shows how many children played on sports teams.



Each child played on one sports team only. How many **more** children played on a basketball team than on a volleyball team?

- (A) 10
- (B) 30
- (C) 40
- (D) 70

- 
27. Justin is reading page one hundred eighty-seven in his book. Which number is the same as the page Justin is reading?

- (A) 187
- (B) 1,087
- (C) 1,807
- (D) 10,087

28. Jackson has 46 grapes. Donna has 23 grapes. Which statement correctly compares the numbers of grapes?

- (A)  $46 + 23$
- (B)  $46 - 23$
- (C)  $46 < 23$
- (D)  $46 > 23$

---

29. A group of people caught 218 pounds of salmon while fishing on Tuesday. They caught 393 pounds of salmon on Wednesday. **About** how many pounds of salmon did they catch in all?

- (A) 100
- (B) 200
- (C) 500
- (D) 600

30. Peter collects toy cars each month. The table below shows the total number of toy cars he has at the end of each month.

**Peter's Toy Cars**

Month	Total Number
March	32
April	37
May	42
June	?

The pattern continues. How many toy cars will Peter have at the end of June?

- (A) 43 cars
- (B) 47 cars
- (C) 52 cars
- (D) 79 cars

- 
31. Doug took 29 balloons to the park on Saturday. He sold 11 of the balloons. Which number sentence can be used to figure out how many balloons Doug had left?

- (A)  $\square - 29 = 11$
- (B)  $\square - 11 = 29$
- (C)  $29 + 11 = \square$
- (D)  $29 - 11 = \square$

32. Yoki solved the addition problem below.

$$12 + 19 = 31$$

Which number sentence can Yoki use to make sure his answer is correct?

- Ⓐ  $19 - 12 = 7$
  - Ⓑ  $31 + 12 = 43$
  - Ⓒ  $31 + 19 = 50$
  - Ⓓ  $31 - 12 = 19$
- 

33. A store had 91 packs of gum in the morning. During the day, 28 packs of gum were sold. **About** how many packs of gum were left at the end of the day?

- Ⓐ 60 packs of gum
- Ⓑ 70 packs of gum
- Ⓒ 80 packs of gum
- Ⓓ 120 packs of gum

34. The table below shows the numbers of minutes four basketball players played last week.

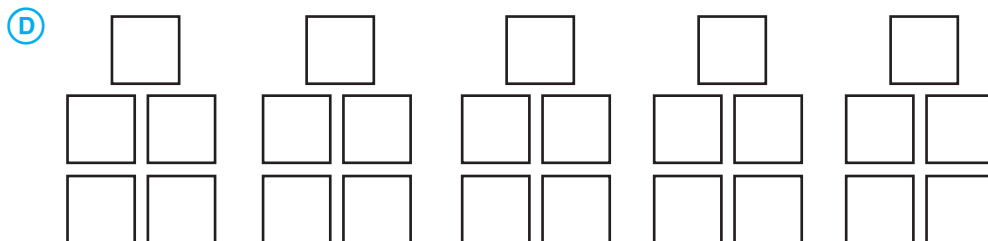
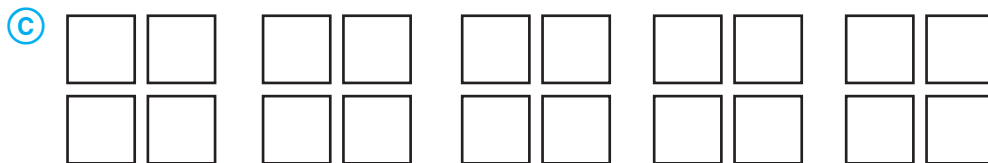
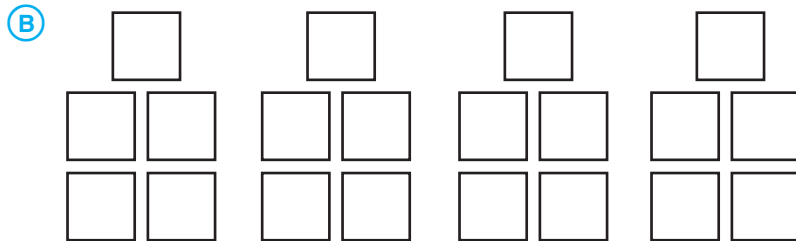
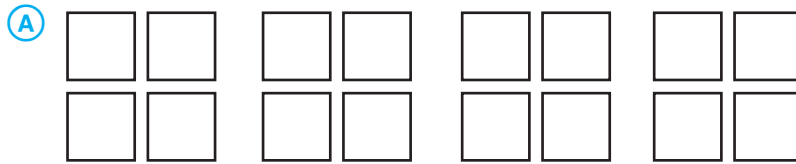
**Playing Time**

<b>Player</b>	<b>Minutes Played</b>
Holly	165
Jamie	120
Dan	156
Steve	103

Which list shows the numbers of minutes played in order from **least** to **greatest**?

- (A) 103, 120, 156, 165
- (B) 103, 120, 165, 156
- (C) 165, 120, 156, 103
- (D) 120, 103, 165, 156

35. A group of 4 students shared 20 blocks. Each student had an equal number of blocks. Which picture shows how the blocks were divided?



36. The table below shows the number of bikes sold each day at a store.

**Bikes Sold**

Day	Number
Monday	7
Tuesday	12
Wednesday	19

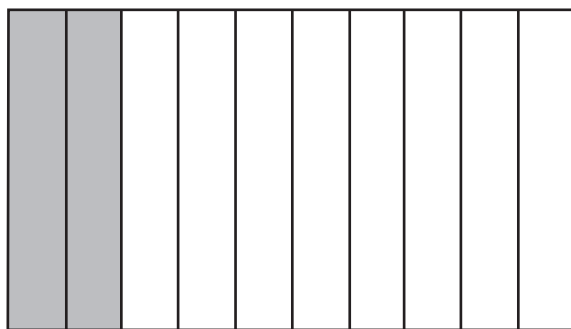
**About** how many bikes were sold in all?

- (A) 20 bikes
- (B) 30 bikes
- (C) 40 bikes
- (D) 50 bikes



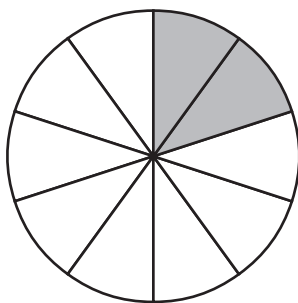
37. Lily divided a rectangle into equal parts. She shaded part of the rectangle, as shown below.

Lily's Rectangle

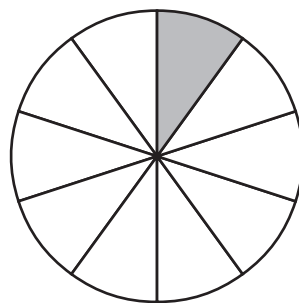


What circle has the same fraction shaded as Lily's rectangle?

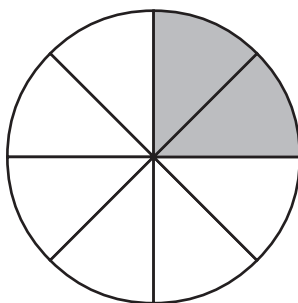
(A)



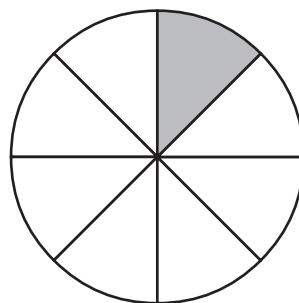
(B)



(C)



(D)

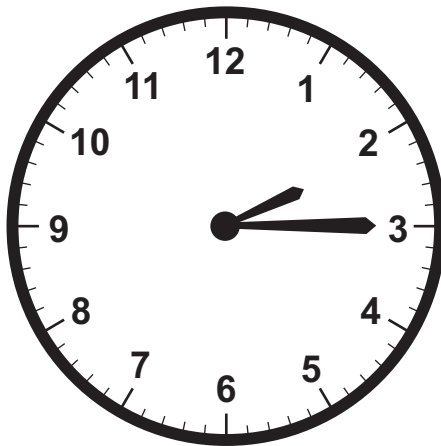


38. Last year a tree was 48 inches tall. This year the same tree is 65 inches tall. How many inches has the tree grown since last year?

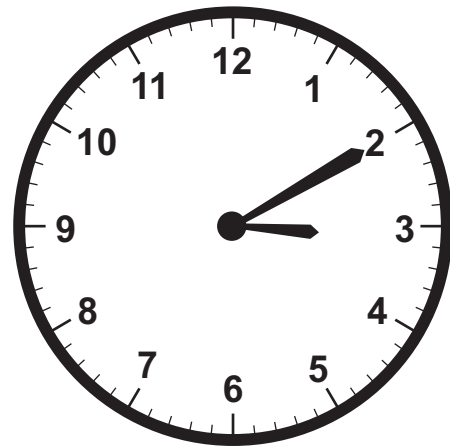
- (A) 13
- (B) 17
- (C) 23
- (D) 27

39. The time on Helen's clock is 2:15. Which could be Helen's clock?

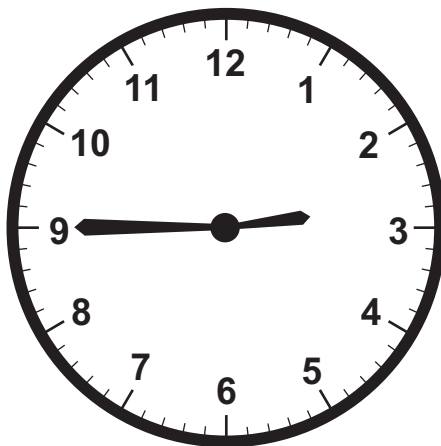
(A)



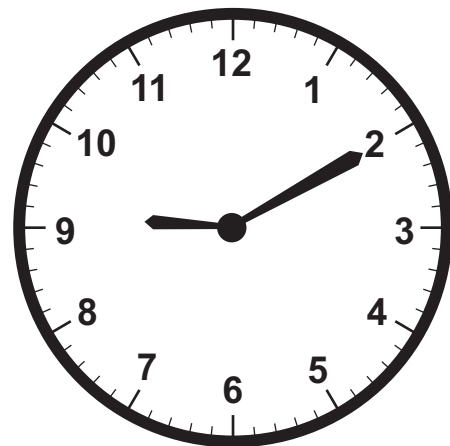
(B)



(C)



(D)

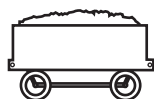


40. The train shown below has an engine followed by four cars.



Which is the second car following the engine?

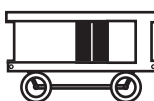
(A)



(B)



(C)



(D)



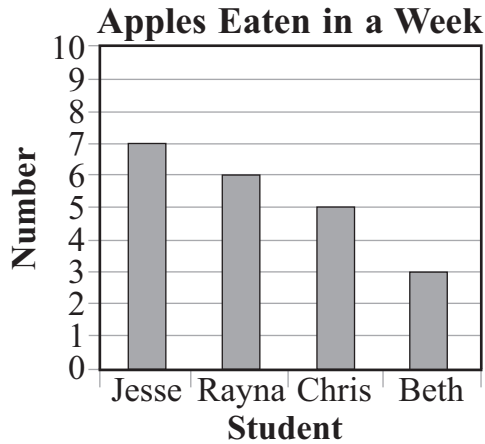
41. The numbers of apples students ate in a week are shown in the table below.

Apples Eaten in a Week

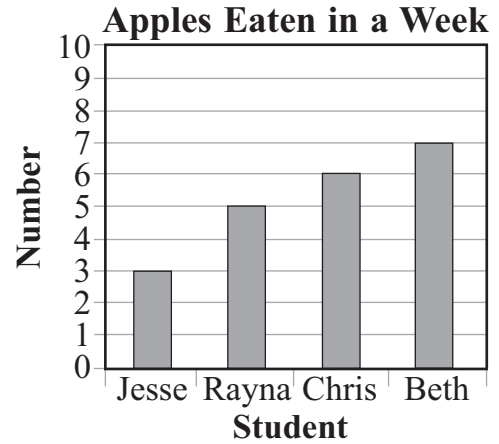
Student	Number
Jesse	5
Rayna	6
Chris	7
Beth	3

Which bar graph shows this information?

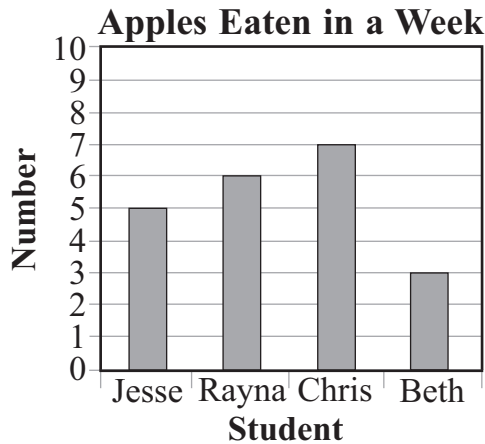
(A)



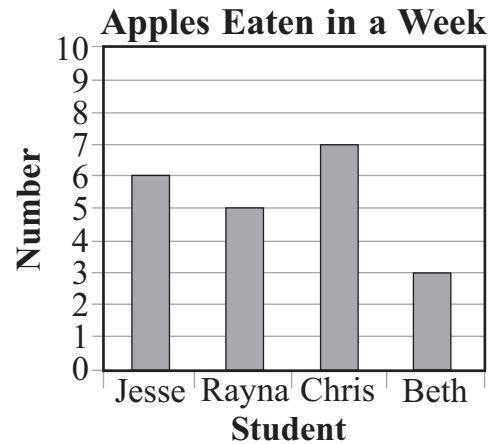
(B)



(C)



(D)



42. Damon brought a bag of cookies to school to share. All of the cookies were the same size. The list shows how many of each kind of cookie were in the bag.

- 5 chocolate chip
- 10 oatmeal
- 9 peanut butter
- 8 sugar

Damon took a cookie out of the bag without looking. Which kind of cookie was Damon **most** likely to take?

- Ⓐ chocolate chip
- Ⓑ oatmeal
- Ⓒ peanut butter
- Ⓓ sugar

**This problem is worth 4 points.**

43. Jacob and Marnie were making patterns.

Jacob made the number pattern below.

7, 11, 15, 19, 23, \_\_\_\_\_

- A.** In the space above, write the next number in Jacob's pattern.
- B.** On the lines below, write the rule for Jacob's number pattern.

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Marnie made the shape pattern below.



- C.** In the space above, draw the next shape in Marnie's pattern.
- D.** On the lines below, write the rule for Marnie's pattern.

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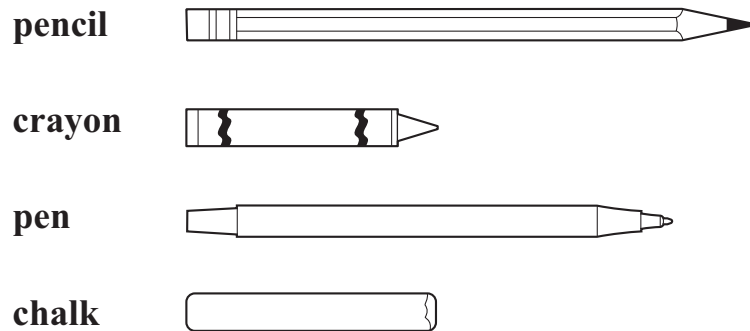
44. A number sentence is shown below.

$$28 - \square = 12$$

What number should go in the  $\square$  to make the number sentence true?

- (A) 6
  - (B) 16
  - (C) 30
  - (D) 40
- 

45. Thomas took the items shown below out of his desk.



Which two items have equal lengths?

- (A) pen and chalk
- (B) pencil and pen
- (C) crayon and chalk
- (D) pencil and crayon

46. Margie paid 87¢ for yarn for an art project. Which could be the set of coins Margie used to pay for the yarn?





47. The teacher asks Sergei to count by 2s, starting with number 33.

33, 35, 37,   ,   

What are the next two numbers in the pattern?

- (A) 38, 39
- (B) 38, 40
- (C) 39, 41
- (D) 41, 43

48. Nick asked some students to name their favorite color. He made the tally chart below to show their answers.

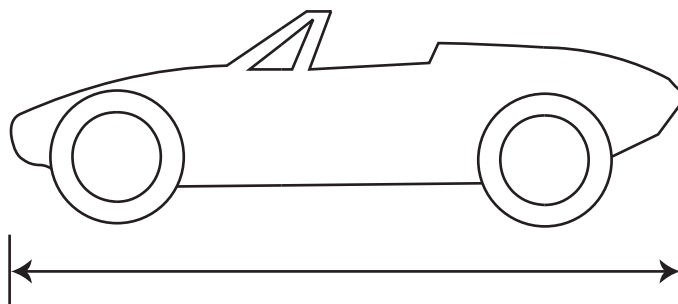
**Favorite Color**

Color	Number of Students
purple	
green	
blue	
yellow	

Which color was chosen by exactly 7 students?

- (A) blue
- (B) green
- (C) purple
- (D) yellow

49. Caleb's toy car is shown below.



What is the length of the car?

- (A) 3 inches
- (B)  $3\frac{1}{2}$  inches
- (C) 4 inches
- (D)  $4\frac{1}{2}$  inches

50. Jody drew the rectangle below.



Which is larger than Jody's rectangle?

(A)



(B)



(C)



(D)



51. Kathy sews dresses. The table below shows the number of yards of cloth she will need to make the dresses.

**Cloth**

<b>Number of Dresses</b>	<b>Yards</b>
1	3
2	6
3	?
4	12
5	15

The number of yards of cloth follows a pattern. How many yards of cloth will Kathy need to make 3 dresses?

- Ⓐ 3 yards
- Ⓑ 7 yards
- Ⓒ 8 yards
- Ⓓ 9 yards

52. North Elementary students sold plants for their school. The table shows the number of plants sold by four students.

Plants Sold	
Student	Number Sold
Billy	15
Donna	13
Heather	17
Mike	21

What is the **maximum** number of plants sold?

- (A) 15
- (B) 13
- (C) 17
- (D) 21

53. Anna drew the shape below.



How many lines of symmetry does the shape have?

- (A) 0
- (B) 1
- (C) 2
- (D) 4

54. The length of a highway is 1,523 miles. Which digit in the length of the highway is in the tens place?

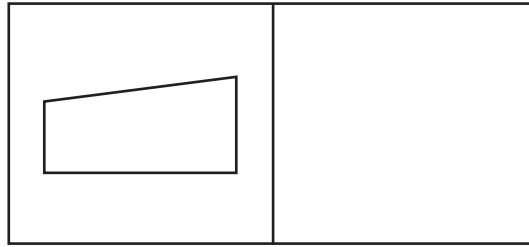
- Ⓐ 1
- Ⓑ 2
- Ⓒ 3
- Ⓓ 5

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55. Terry is making a bookmark. He cut paper into a shape that has 4 sides. The bookmark has 2 long sides and 2 short sides. Which could be the shape of Terry's bookmark?

- Ⓐ triangle
- Ⓑ square
- Ⓒ rhombus
- Ⓓ rectangle

56. Nancy places a game piece on one space on a board as shown below.



Nancy slides the game piece to the next space on the board. Which shows Nancy's game piece after the slide?

(A)



(B)



(C)



(D)



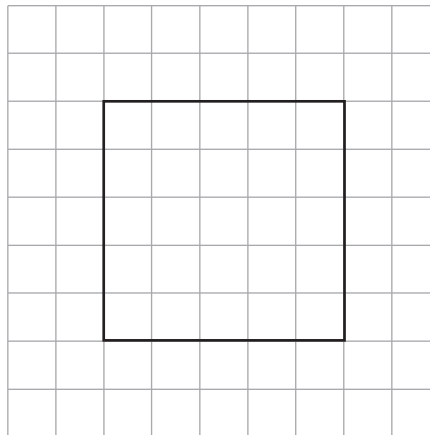
57. Sonya's classroom has 25 books about plants. It has 18 books about animals. Sonya uses the number sentence below to find out how many more books are about plants than about animals.

$$25 - 18 = 7$$

Which number sentence can Sonya use to check her work?

- (A)  $18 - 7 = 11$
- (B)  $18 + 7 = 25$
- (C)  $25 + 7 = 32$
- (D)  $25 + 18 = 43$

58. An outline of a rug in Jordan's classroom is shown below.



 = 1 square foot

What is the area of the rug in square feet?

- (A) 10
- (B) 15
- (C) 20
- (D) 25



**This problem is worth 2 points.**

59. Owen started making the tally chart below to show the number of each type of bird he saw.

**Birds Owen Saw**

Birds	Number
robin	
hawk	
crow	
duck	

- A.** Owen saw 8 ducks. Complete the tally chart to show the number of ducks Owen saw.
- B.** What type of bird did Owen see the most?

**Answer:** \_\_\_\_\_





**Grade 3**  
Writing ★ Mathematics Practice Test Book  
Form 3PTWM

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